Docket	No.:				
	DECLARAT	ION AND POWER APPLIC	OF ATTORNEY FO	OR PATENT	
		English Langua	age Declaration		
As a be	elow named inventor, l	hereby declare that:			
My res	idence, post office add	ress and citizenship are as sta	ated below next to my name,		
invento	I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:				
Title:	Antenna arrangem	ent in a mobile station			
the spe	ecification of which				
(check	one)				
X	is attached hereto.				
	was filed on	as United S	States Application No. or PC	T	
	International Appl	ication Number			
	and was amended	on (if applicable)			
		ewed and understand the con- nendment referred to above.	tents of the above-identified spe	ecification, including the	
			tent and Trademark Office all in Federal Regulations, Section 1		
any for which checking	I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International Application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.				
Prior	Foreign Applicatio	n (s)			
1	(Number)	(Country)	(Day/Month/Year Filed)	Priority Not Claimed	
20002	123	Finland	27 September 2000		
				Page 1 of 4	

I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below:			
(Application Serial No.)		(Filing Date)	
(Application Serial No.)		(Filing Date)	
(Application Serial No.:		(Filing Date)	
I hereby claim the benefit under 35 U.S.C. Section 120 of any United States application(s), or Section 365(c) of any PCT International Application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International Application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, C.F.R., Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:			
(Application Serial No.)	(Filing Date)	(Status) patented, pending, abandoned)	
(Application Serial No.)	(Filing Date)	(Status) patented, pending, abandoned)	
(Application Serial No.)	(Filing Date)	(Status) patented, pending, abandoned)	
		vn knowledge are true and that all to be true; and further that these	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)	
All attorneys listed under Customer No.: 2512	
Send Correspondence to:	
Customer No.: 2512	
Direct Telephone Calls to: (name and telephone number) Clarence A. Green, Reg. No.: 24,622 (203) 259-1800	
Full name of sole or first inventor: KAIPONEN, Teemu	
Sole or first inventor's signature: DATE 6.8.2001	
Residence: Alppitie 5.B.52, FIN-90530 OULU, Finland 3863 Ingraham St E 309, San Diego Citizenship:	
Citizenship: Finland Post Office Address:	TK 8/6/6
Alppitie 5 B 52, FIN-90530 OULU, Finland	TK 8/6/0
3863 Ingraham St E309, SAN DIEGO, CA 92109, USA	1K 8/6/0
Full name of second inventor: KUITTINEN, Tero	

Full name of second inventor: KUITTINEN, Tero		
Second inventor's signature:	DATE	
Residence address: Alppitie 10 as. 35, FIN-90350 OULU, Finland		
Citizenship: Finland		
Post Office Address: Alppitie 10 as. 35, FIN-90350 OULU, Finland		

Page 3 of 4

Full name of third inventor: KYLMÄNEN, Jari		
Third Inventor's signature:	DATE	
Residence address:		
Kesätie 1 B 15, FIN-90530 OULU, Finland Citizenship: Finland		
Post Office Address: Kesätie 1 B 15, FIN-90530 OULU, Finland		
Full name of fourth inventor:		
Fourth inventor's signature:	DATE	
Residence address:		
Citizenship:		
Post Office Address:		
Full name of fifth inventor:		
ifth inventor's signature:	DATE	
Residence address:		
Citizenship:		
Post Office Address:		
Check here if additional pages are attached. Num	ber of added pages:	Page 4 0f 4

Docket	No.:				
	DECLARAT		CR OF ATTORNEY FO	OR PATENT	
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As a be	slow named inventor,	I hereby declare that:			
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	was filed on	as Unite	ed States Application No. or PC	Т	
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	and was amended	on (if applicable)			
		iewed and understand the omendment referred to above	contents of the above-identified spece.	ecification, including the	
	I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.				
I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International Application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.					
Prior	Foreign Application	on(s)			
•	(Number)	(Country)	(Day/Month/Year Filed)	Priority Not Claimed	
200021	123	Finland	27 September 2000		
		 		 	
l				· L · · · · · · · · · · · · · · · · · ·	

Page 1 of 4

I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below:			
(Application Serial No.)		(Filing Date)	
(Application Serial No.)		(Filing Date)	
(Application Serial No.:		(Filing Date)	
Section 365(c) of any PCT International and, insofar as the subject matter of prior United States or PCT Interparagraph of 35 U.S.C. Section 1 Patent and Trademark Office all	ational Application de of each of the claims ernational Application 112, I acknowledge to information known on 1.56 which became	O of any United States application(s), or esignating the United States, listed below of this application is not disclosed in the n in the manner provided by the first he duty to disclose to the United States to me to be material to patentability as a available between the filing date of the filing date of this application:	
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)	
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)	
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)	
statements made on information statements were made with the kn punishable by fine or imprisonmen	and belief are belief nowledge that willful nt, or both, under Sec	ny own knowledge are true and that all eved to be true; and further that these false statements and the like so made are tion 1001 of Title 18 of the United States dize the validity of the application or any	
		Page 2 of 4	

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following	attorney(s)
and/or agent(s) to prosecute this application and transact all business in the l	Patent and
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Send Correspondence to:

Customer No.: 2512

Direct Telephone Calls to: (name and telephone number) Clarence A. Green, Reg. No.: 24,622 (203) 259-1800

Full name of sole or first inventor:

KAIPONEN, Teemu

Sole or first inventor's signature:

DATE

Residence:

Alppitie 5 B 52, FIN-90530 OULU, Finland

Citizenship:

Finland

Post Office Address:

Alppitie 5 B 52, FIN-90530 OULU, Finland

Ful.	i name oi	secona	inventor:
	TTTTTTTT	TT33 T	

KUITTINEN, Tero

Second inventor's signature:

DATE

1 Cro

3.8.01

Residence address:

SIRVLELI NE 10AZ, FIN-90800 Alppitie 10 as. 35, FIN-90350 OULU, Finland

Citizenship:

Finland

Post Office Address:

Alppitie 10 as. 35, FIN-90350 OULU, Finland SIRVERIDE 1042, FIN-90800

Then 3.8,0,

Ther 3.8.01

Page 3 of 4

Full name of third inventor: KYLMÄNEN, Jari		
Third Inventor's signature:	DATE	
Residence address:		
Kesätie 1 B 15, FIN-90530 OULU, Finland Citizenship:		
Finland		
Post Office Address: Kesätie 1 B 15, FIN-90530 OULU, Finland		
Full name of fourth inventor:		
Fourth inventor's signature:	DATE	
Residence address:		
Citizenship:		
Post Office Address:		
Full name of fifth inventor:		
Fifth inventor's signature:	DATE	
Residence address:		
Citizenship:		
Post Office Address:		
Check here if additional pages are attached. Number of add	ed pages:	Page 4 0f 4

Docket	No.:			
	DECLARAT		OF ATTORNEY FOR	R PATENT
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As a be	low named inventor, I	hereby declare that:		
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the spe	ecification of which			
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	was filed on	as United	States Application No. or PC	Γ
	International App	lication Number		
	and was amended	on (if applicable)		
claims,	as amended by any a	mendment referred to above.		
I acknobe mate	owledge the duty to di erial to patentability a	sclose to the United States Pa s defined in Title 37, Code o	atent and Trademark Office all in f Federal Regulations, Section 1.	formation known to me to 56.
I hereb any for which checki	by claim foreign prior reign application(s) fo designated at least on ng the box, any foreig	ity benefits under Title 35, Ur patent or inventor's certific te country other than the Un	Jnited States Code, Section 119(ate, or Section 365(a) of any PC ited States, listed below and hav eventor's certificate or PCT Inter	(a)-(d) or Section 365(b) of T International Application te also identified below, by
Prior	Foreign Application	on(s)		
	(Number)	(Country)	(Day/Month/Year Filed)	Priority Not Claimed
20002	123	Finland	27 September 2000	

Page 1 of 4

(Application Serial No.)

(Application Serial No.)

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(Filing Date)

(Filing Date)

(Status)

(Status) (patented, pending, abandoned)

(patented, pending, abandoned)

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Sole or first inventor's signature:

DATE

Residence:

Alppitie 5 B 52, FIN-90530 OULU, Finland

Citizenship:

Finland

Post Office Address:

Alppitie 5 B 52, FIN-90530 OULU, Finland

Full name of second inventor:

KUITTINEN, Tero

Second inventor's signature:

DATE

Residence address:

Alppitie 10 as. 35, FIN-90350 OULU, Finland

Citizenship:

Finland

Post Office Address:

Alppitie 10 as. 35, FIN-90350 OULU, Finland

Full name of third inventor: KYLMÄNEN, Jari		
Chird Inventor's signature:	DATE	
	Mineral	
Jankijh -	010801	
Residence address:		
Kesätie 1 B 15, FIN-90530 OULU, Finland		
Citizenship:		
Finland Post Office Address:		
Kesätie 1 B 15, FIN-90530 OULU, Finland		
Full name of fourth inventor:		
Fourth inventor's signature:	DATE	
Politin inventor 5 significant		
Residence address:		
Citizenship:		
Post Office Address:		
Full name of fifth inventor:		
Fifth inventor's signature:	DATE	
Residence address:		
Citizenship:		
Post Office Address:		
Check here if additional pages are attached. Number of adde	ed pages: Page 4	0f 4
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